EP4090 9087/860

FIG. 1

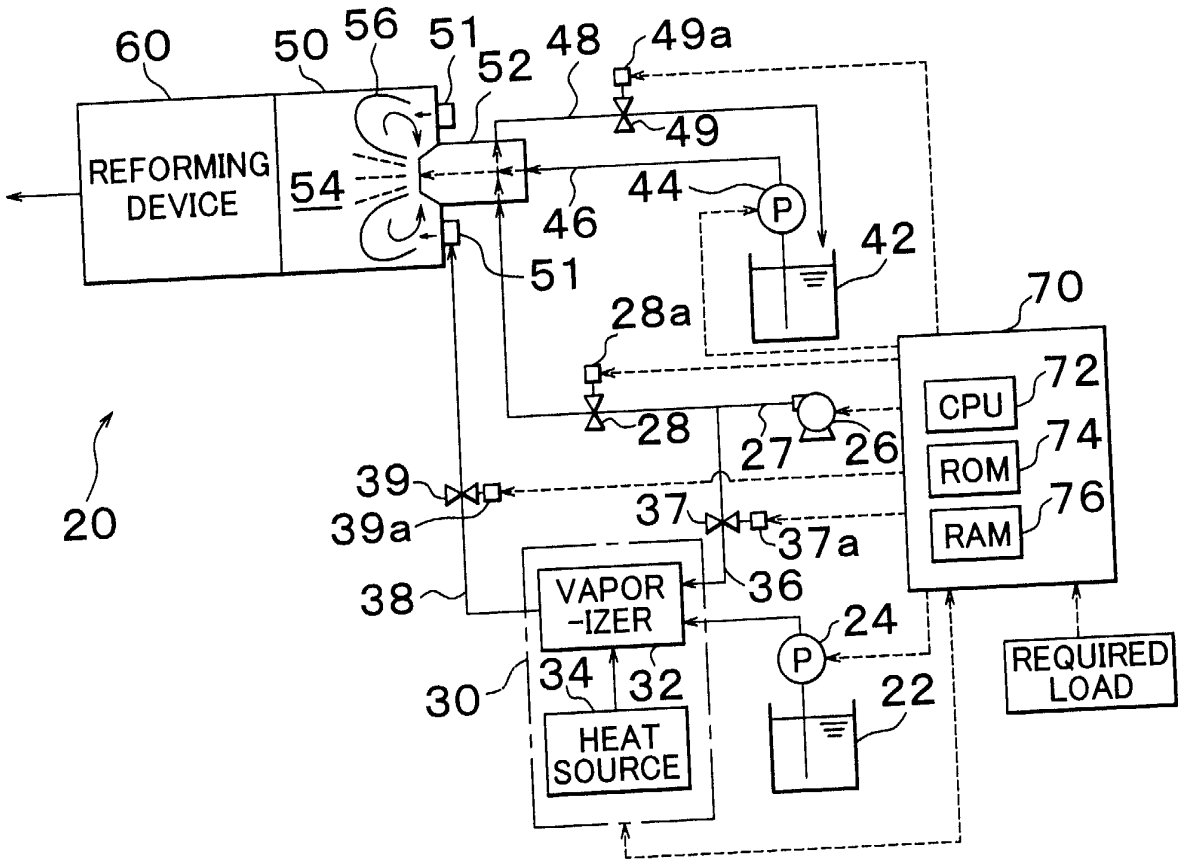

FIG. 2

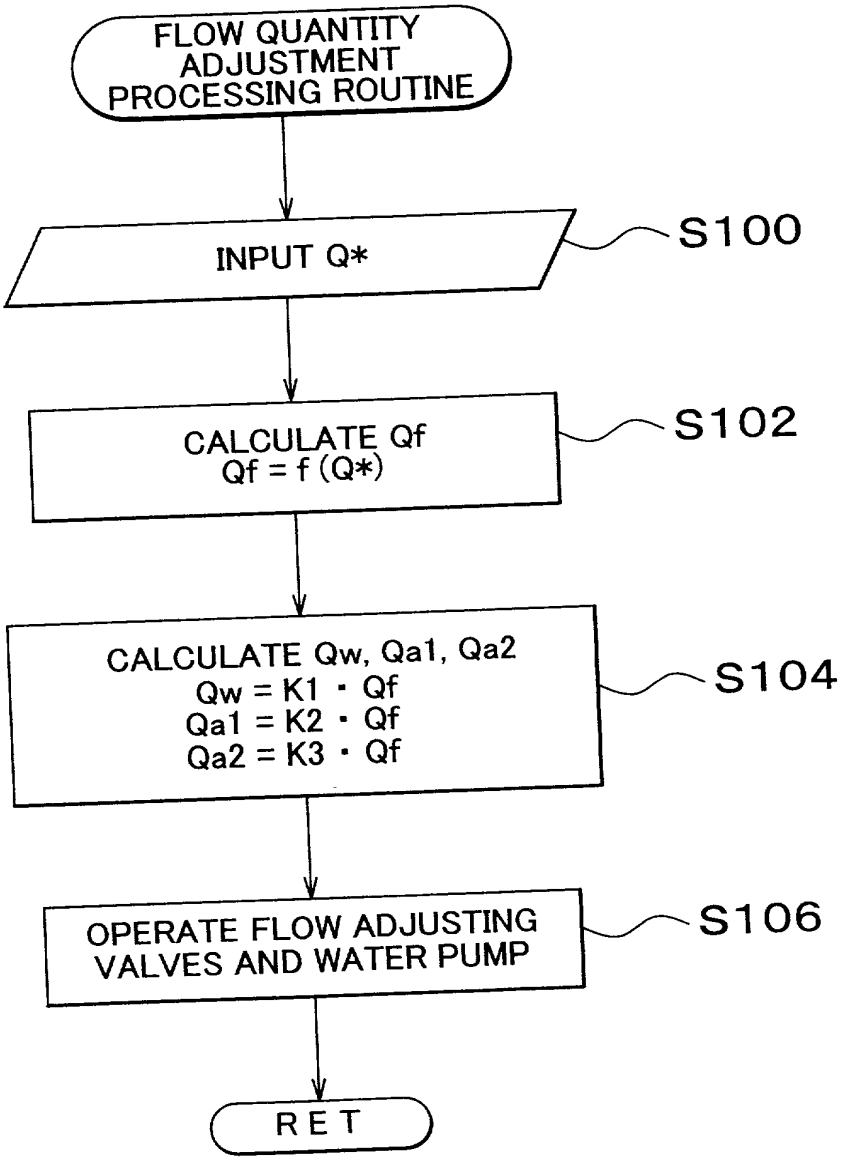
FLOW QUANTITY ADJUSTMENT PROCESSING ROUTINE
INPUT Q*
S100
CALCULATE Qf
Qf = f (Q*)
S102
CALCULATE Qw, Qa1, Qa2
Qw = K1 · Qf
Qa1 = K2 · Qf
Qa2 = K3 · Qf
S104
OPERATE FLOW ADJUSTING VALVES AND WATER PUMP
S106
RET

FIG. 3

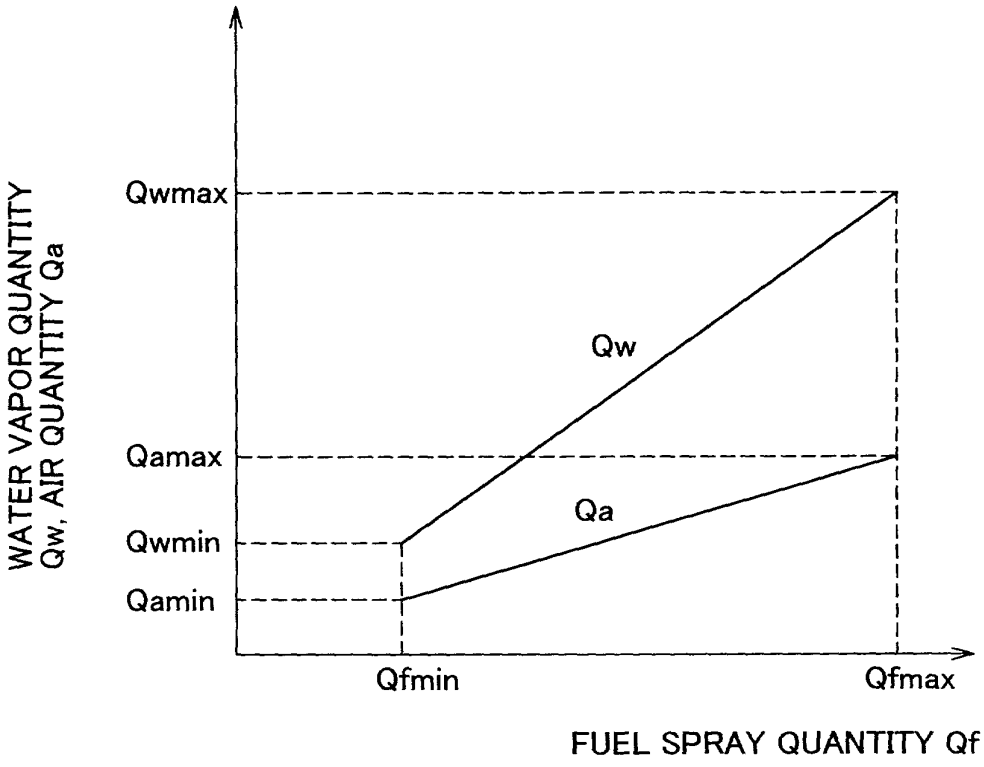
WATER VAPOR QUANTITY
Qw, AIR QUANTITY Qa
Qwmax
Qamax
Qwmin
Qamin
Qw
Qa
Qfmin
Qfmax
FUEL SPRAY QUANTITY Qf

FIG. 4

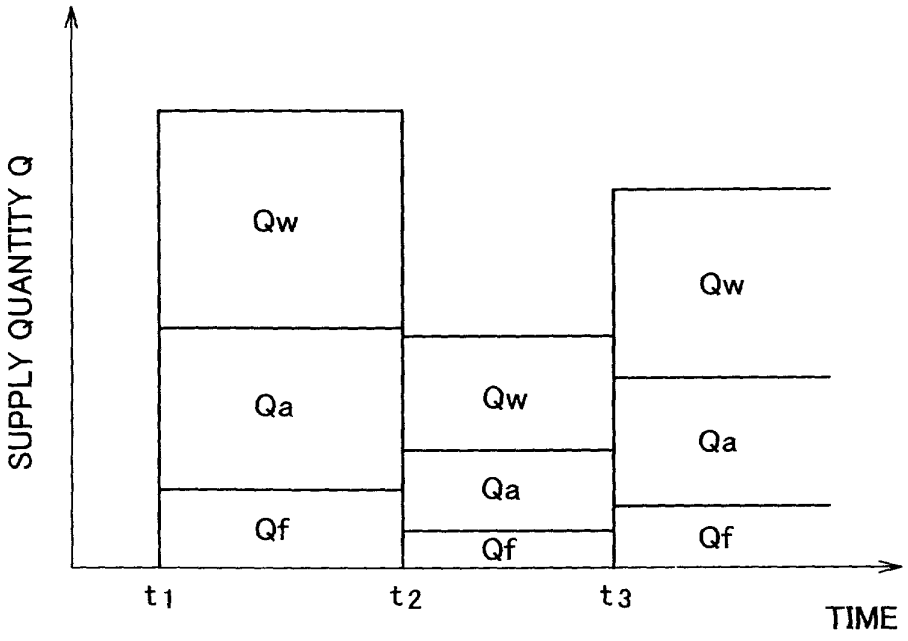
SUPPLY QUANTITY Q
Qw
Qa
Qf
Qw
Qa
Qf
Qw
Qa
Qf
t1
t2
t3
TIME

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FIG. 5

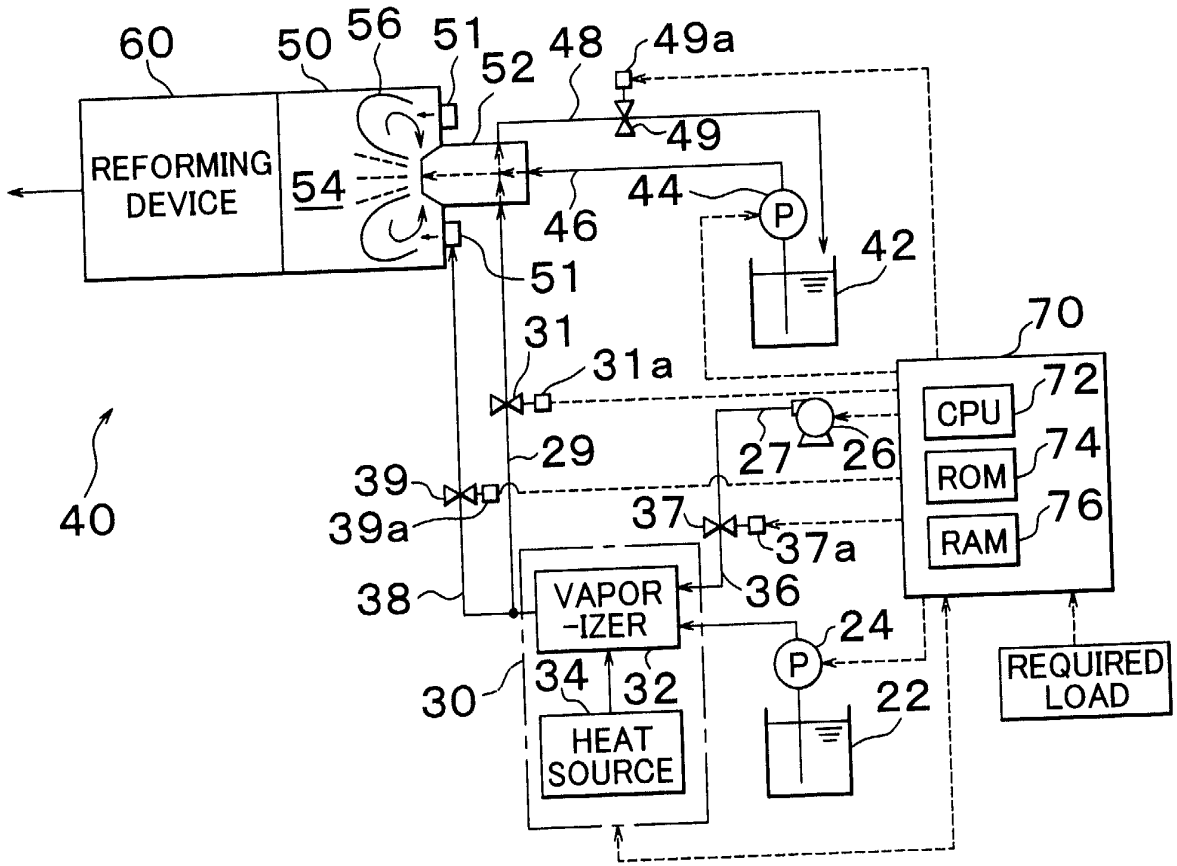
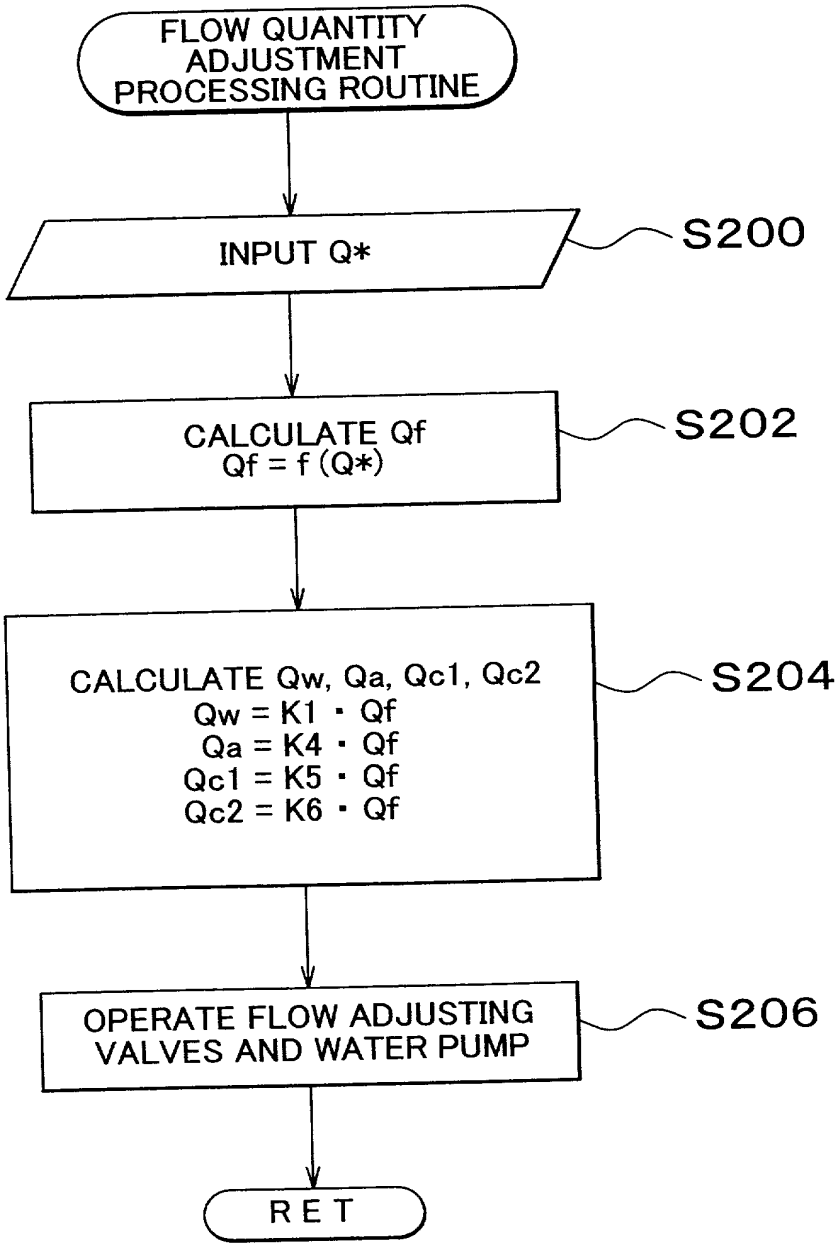


FIG. 6


FLOW QUANTITY ADJUSTMENT PROCESSING ROUTINE
INPUT Q*
S200
CALCULATE Qf
Qf = f (Q*)
S202
CALCULATE Qw, Qa, Qc1, Qc2
Qw = K1 · Qf
Qa = K4 · Qf
Qc1 = K5 · Qf
Qc2 = K6 · Qf
S204
OPERATE FLOW ADJUSTING VALVES AND WATER PUMP
S206
RET